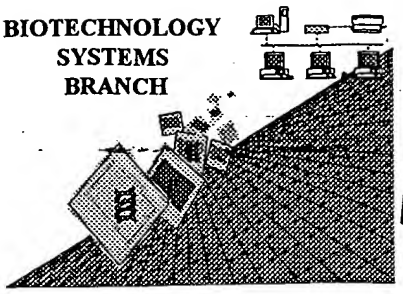
Einsmann

BIOTECHNOLOGY SYSTEMS BRANCH



#9

RECEIVED
OCT 13 2000
TECH CENTER 1600/2900

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/450,651

Source: 1655

Date Processed by STIC: 10/2/2000

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**

2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR FURTHER INFORMATION, PLEASE TELEPHONE MARK SPENCER, 703-308-4212.

TO **REDUCE** ERRORED SEQUENCE LISTINGS, **PLEASE** USE THE **CHECKER VERSION 3.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.
Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

http://www.uspto.gov/web/offices/pac/checker

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION *US/09/450,651*

DATE: 10/10/2000
TIME: 23:48:40

INPUT SET: S35989.raw

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This Raw Listing contains the General Information Section and up to the first 5 pages.

Does Not Comply
Corrected Diskette Needed

SEQUENCE LISTING

(1) General Information:

(i) APPLICANT: ↑ move up - all response must be on same line as heading
~~(A) NAME:~~ PIG IMPROVEMENT COMPANY UK LIMITED
~~(B) STREET: 100 GEORGE STREET~~
~~(C) CITY: LONDON~~
~~(D) STATE: LONDON~~
~~(E) COUNTRY: ENGLAND~~
~~(F) POSTAL CODE (ZIP): W1H 5RH~~
↑ move under first applicant's name
~~(A) NAME:~~ ANDERSSON, LEIF
~~(B) STREET: MELICA HB~~
~~(C) CITY: BERGAGATAN 30~~
~~(D) STATE: UPPSALA~~
~~(E) COUNTRY: SWEDEN~~
~~(F) POSTAL CODE (ZIP): S 752 39~~

(ii) TITLE OF INVENTION: METHODS FOR ANALYSING ANIMAL PRODUCTS

(iii) NUMBER OF SEQUENCES: 50 → (iv) CORRESPONDENCE ADDRESS: (A) ADDRESSEE: (B) STREET: (C) CITY: (D) STATE: (E) COUNTRY: (F) ZIP:

add these mandatory headings and responses for a U.S. case

(v) ~~(iv)~~ COMPUTER READABLE FORM:
(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

(vi) ~~(v)~~ CURRENT APPLICATION DATA: This belongs under PRIOR APP DATA:
(A) APPLICATION NUMBER: WO PCT/GB98/01531
add → (B) FILING DATE:

(2) INFORMATION FOR SEQ ID NO: 1: → (vii) PRIOR APPLICATION DATA:
add → (A) APPLICATION NUMBER:
add → (B) FILING DATE:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 33 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid
(A) DESCRIPTION: /desc = "PRIMER"

FYI: EPO format is invalid for U.S. cases

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

TGTAAAACGA CGGCCAGTRG TGCCTGGAGG TGT 33

(2) INFORMATION FOR SEQ ID NO: 2:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 24 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid
(A) DESCRIPTION: /desc = "PRIMER MSHR REVERSE 5"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

CGCCCAGATG GCCGCGATGG ACCG 24

(2) INFORMATION FOR SEQ ID NO: 3:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 24 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid
(A) DESCRIPTION: /desc = "Primer"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

CGGCCATCTG GGCGGGCAGC GTGC 24

(2) INFORMATION FOR SEQ ID NO: 4:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 24 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid
(A) DESCRIPTION: /desc = "Primer"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

GGAAGGCGTA GATGAGGGGG TCCA 24

(2) INFORMATION FOR SEQ ID NO: 5:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 24 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid
(A) DESCRIPTION: /desc = "Primer"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

GCACATCGCC CGGCTCCACA AGAC 24

(2) INFORMATION FOR SEQ ID NO: 6:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 24 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid
(A) DESCRIPTION: /desc = "PRIMER MSHR REVERSE 3"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

GGGGCAGAGG ACGACGAGGG AGAG 24

(2) INFORMATION FOR SEQ ID NO: 7:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 30 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid
(A) DESCRIPTION: /desc = "PRIMER LA93"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

GAGCAGCCCC TACCCCGGAA TGCCAGTTGA 30

(2) INFORMATION FOR SEQ ID NO: 8:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 40 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid
(A) DESCRIPTION: /desc = "PRIMER KIT56"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

CTTTAAAACA GAACATAAAA GCGGAAACAT CATGCGAAGG 40

(2) INFORMATION FOR SEQ ID NO: 9:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 24 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid
(A) DESCRIPTION: /desc = "Primer"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

CGCCCAGATG GCCGCGATGG ACCG 24

(2) INFORMATION FOR SEQ ID NO: 10:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 27 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid
(A) DESCRIPTION: /desc = "Primer"

206 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
207
208 TGCGCTACCA CAGCATCGTG ACCCTGC 27
209
210 (2) INFORMATION FOR SEQ ID NO: 11:
211
212 (i) SEQUENCE CHARACTERISTICS:
213 (A) LENGTH: 24 base pairs
214 (B) TYPE: nucleic acid
215 (C) STRANDEDNESS: single
216 (D) TOPOLOGY: linear
217
218 (ii) MOLECULE TYPE: other nucleic acid
219 (A) DESCRIPTION: /desc = "Primer"
220
221
222
223
224 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
225
226 GTAGTAGGCG ATGAAGAGCG TGCT 24
227
228 (2) INFORMATION FOR SEQ ID NO: 12:
229
230 (i) SEQUENCE CHARACTERISTICS:
231 (A) LENGTH: 22 base pairs
232 (B) TYPE: nucleic acid
233 (C) STRANDEDNESS: single
234 (D) TOPOLOGY: linear
235
236 (ii) MOLECULE TYPE: other nucleic acid
237 (A) DESCRIPTION: /desc = "Primer"
238
239
240
241 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
242
243 CTGCCTGGCC GTGTCGGACC TG 22
244
245 (2) INFORMATION FOR SEQ ID NO: 13:
246
247 (i) SEQUENCE CHARACTERISTICS:
248 (A) LENGTH: 24 base pairs
249 (B) TYPE: nucleic acid
250 (C) STRANDEDNESS: single
251 (D) TOPOLOGY: linear
252
253 (ii) MOLECULE TYPE: other nucleic acid
254 (A) DESCRIPTION: /desc = "Primer"
255
256
257
258 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION *US/09/450,651*

DATE: 10/10/2000
TIME: 23:48:42

INPUT SET: S35989.raw

Line	Error	Original Text
5	Mandatory Value Not Present	(i) APPLICANT:
6	Unknown or Misplaced Identifier	(A) NAME: PIG IMPROVEMENT COMPANY UK LIMIT
7	Unknown or Misplaced Identifier	(B) STREET: 100 GEORGE STREET
8	Unknown or Misplaced Identifier	(C) CITY: LONDON
9	Unknown or Misplaced Identifier	(D) STATE: LONDON
10	Unknown or Misplaced Identifier	(E) COUNTRY: ENGLAND
11	Unknown or Misplaced Identifier	(F) POSTAL CODE (ZIP): W1H 5RH
13	Unknown or Misplaced Identifier	(A) NAME: ANDERSSON, LEIF
14	Unknown or Misplaced Identifier	(B) STREET: MELICA HB
15	Unknown or Misplaced Identifier	(C) CITY: BERGAGATAN 30
16	Unknown or Misplaced Identifier	(D) STATE: UPPSALA
17	Unknown or Misplaced Identifier	(E) COUNTRY: SWEDEN
18	Unknown or Misplaced Identifier	(F) POSTAL CODE (ZIP): S-752 39

SEQUENCE MISSING ITEM REPORT
PATENT APPLICATION *US/09/450,651*

INPUT SET: S35989.raw

ADDRESSEE
STREET
CITY
STATE
COUNTRY
ZIP
CORRESPONDENCE ADDRESS
APPLICATION NUMBER
FILING DATE
CLASSIFICATION
APPLICATION NUMBER
FILING DATE
PRIOR APPLICATION DATA